

AMENDMENTS TO THE SPECIFICATION

At page 1:

Please amend the paragraph beginning at line 10 as follows:

There exists an increasing demand for reduction in the amount of pulp used in paper making for protection of the global environment and consequently in the weight of paper and increased use of waste paper pulp. However, the reduction in the amount of pulp used in paper leads to a paper thinner and reduced in opacity, resulting in deterioration in the quality of the paper. In addition, weight saving by reduction in the amount of pulp used for paper making decreases the stiffness of the resulting paper, which is unfavorable especially for papers demanding a higher stiffness such as cardboard and the like, which is proportional to the thickness to the third power. On the other hand, increased use of waste paper pulp leads to deterioration in brightness due to the ink remaining in the waste paper pulp or the like and in opacity due to the decrease in paper thickness caused by the wear in pulp bulky value during recycling. As a result, reduction in the amount of pulp and increase in the amount of waste paper pulp used in paper in combination leads to further decrease in the opacity and brightness of the paper obtained. Further, deinking and bleaching of waste paper pulp, which is the primary cause of the deterioration in brightness, for improvement in the brightness unfavorably leads to further deterioration in the opacity of paper.